

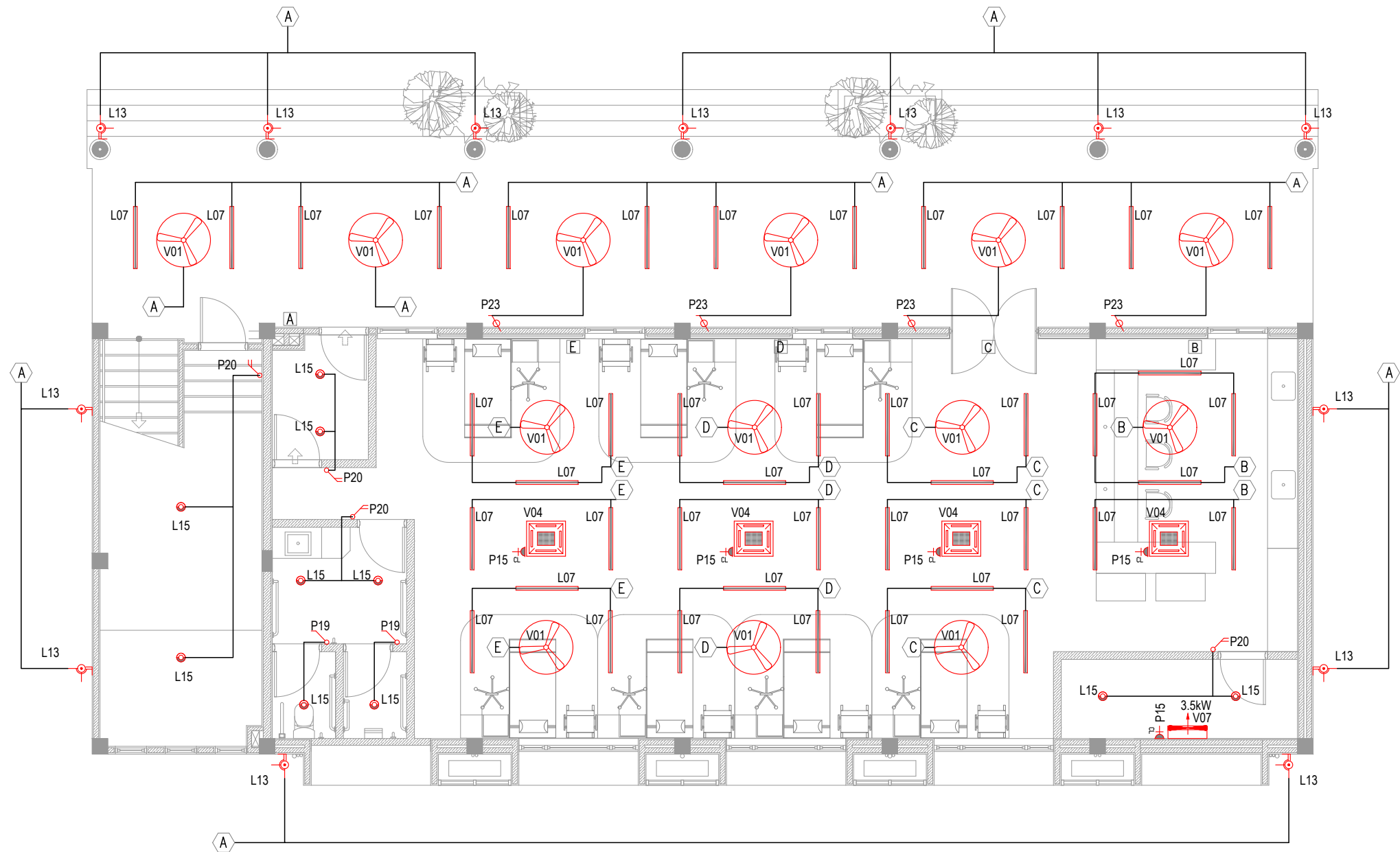
MALDIVES NATIONAL UNIVERSITY THINADHOO CAMPUS CLASS ROOM BLOCK
ELECTRICAL DRAWINGS

PROJECT: CONSULTANCY SERVICES FOR PREPARATION OF DRAWINGS AND BILL
OF QUANTITIES FOR THE PROPOSED CLASSROOM BLOCK

CLIENT: MALDIVES NATIONAL UNIVERSITY

PREPARED BY:





ELECTRICAL LEGEND

L07		CEILING DOWN 2x18W LED TUBE LIGHT SURFACE MOUNT
L09		WALL MOUNT ENERGY SAVING LIGHT
L13		WALL MOUNT WEATHER PROOF LUMINAIRE
L15		SURFACE MOUNT ENERGY SAVING LIGHT
V01		DIA. 1500 CEILING FAN
V04		AIR-CONDITIONING INDOOR UNIT CEILING FIXED-CASSETTE TYPE
P15		1 GANG15A SOCKET OUTLET AT CEILING LEVEL

SWITCH AT LOCATION [A]

P19		1 GANG 1 WAY SWITCH
P20		2 GANG 1 WAY SWITCH
P21		3 GANG 1 WAY SWITCH
P22		4 GANG 1 WAY SWITCH
P23		FAN / LIGHT DIMMER SWITCH

SWITCH AT LOCATION [B]/[C]/[D]/[E]

P22		2x 4 GANG 1 WAY SWITCH
P23		2x FAN / LIGHT DIMMER SWITCH

NOTE :
FLOOR LEVEL SOCKETS : 300MM FROM FFL.
SWITCH CONTROL / SOCKET : 1100MM - 1200MM FROM FFL.

LABORATORY / PREPARATION ROOM SOCKETS /LIGHT, FAN &
WATER HEATER (COUNTER TOP) : 1150MM - 1250MM FROM FFL.

AC / EMERGENCY LIGHT : 2500MM - 2700MM FROM FFL.

ALL WIRING TO BE OF MEA APPROVED STANDARDS
ALL WIRING TO BE DONE IN CONDUITS INSIDE SLABS/WALLS

GENERAL NOTES:

- All dimensions shall be verified on site before proceeding with work.
- In case of any confusion in the structural elements, the measurements given in the structural drawings has to be followed.
- DO NOT SCALE DRAWINGS. Work to figured dimensions.
- All the dimensions given in mm, unless specified otherwise.

KEY PLAN:

REV.	DESCRIPTION	DATE



Charter Engineering Company Private Limited
Second floor, M.Biminee, Male', Maldives
Email: charter.engr@gmail.com, Mob: +960) 782-9969

PHASE:

- ☐ CONCEPTUAL DESIGN
- ☐ DESIGN DEVELOPMENT
- ☒ DESIGN APPROVAL
- ☐ CONSTRUCTION DOCUMENTATION
- ☐ AS-BUILT DRAWINGS

PROJECT:

ARCHITECTURAL DRAWINGS AND
PREPARATION OF BILL OF QUANTITIES
FOR THE PROPOSED MNU THINADHOO
CAMPUS CLASSROOM BLOCK

CLIENT: MALDIVES NATIONAL UNIVERSITY

LOCATION: GDH.THINADHOO

DISCIPLINE: ELECTRICAL

DRAWN BY: ISMAIL

DESIGNED BY:

CHECKED BY: CEC

DATE: Jan 21

SCALE: 1:100

SHEET SIZE: A3

DRAWING NO.

REV.

E-1.01

0.00

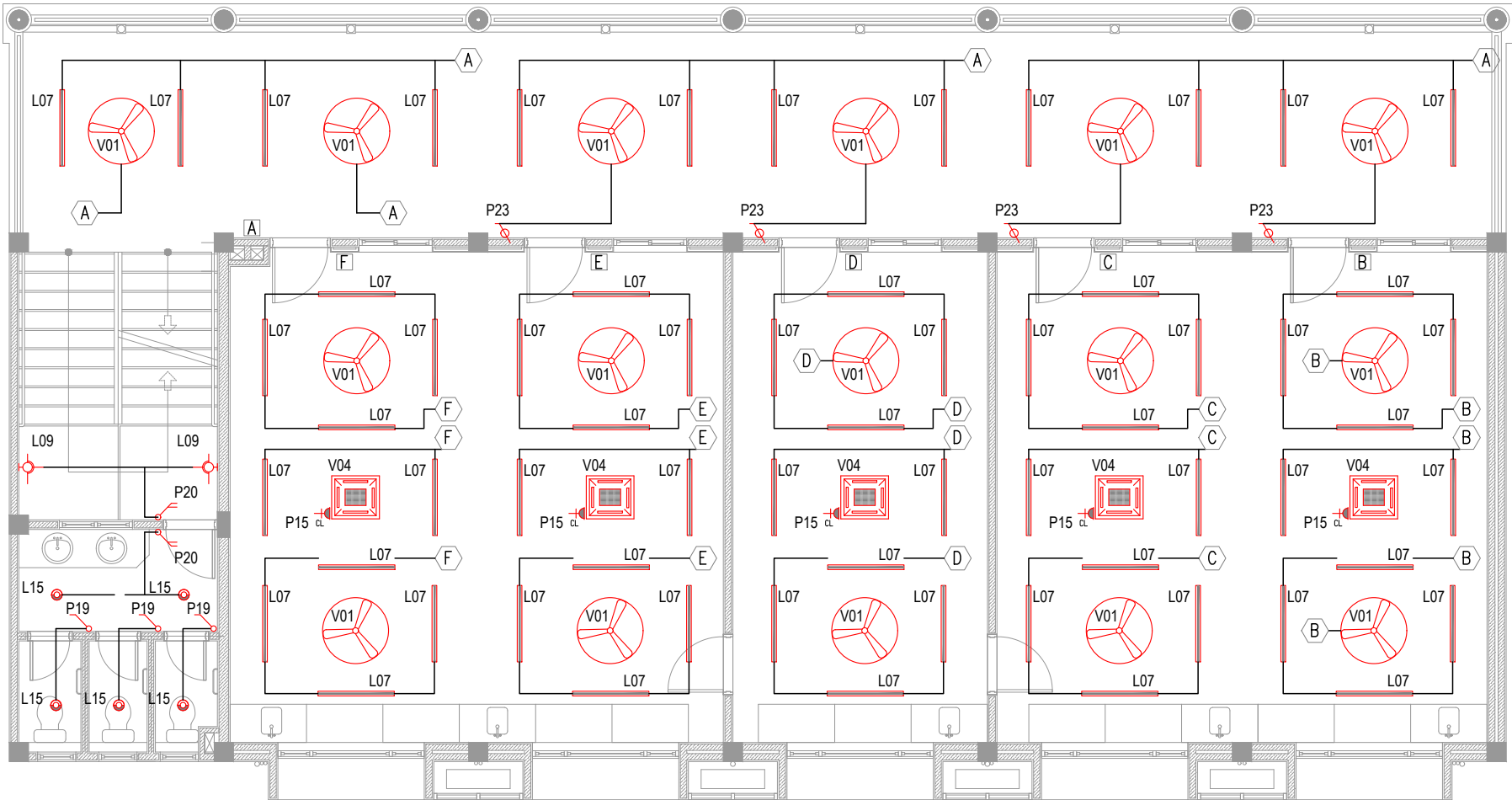


1







GROUND FLOOR LIGHTING & AIRCONDITIONING LAYOUT

REF. XX-00


SCALE : 1:100 (A3)






ELECTRICAL LEGEND

- L07 ——— CEILING DOWN 2x18W LED TUBE LIGHT SURFACE MOUNT
- L09  WALL MOUNT ENERGY SAVING LIGHT
- L13  WALL MOUNT WEATHER PROOF LUMINAIRE
- L15  SURFACE MOUNT ENERGY SAVING LIGHT
- V01  DIA. 1500 CEILING FAN
- V04  AIR-CONDITIONING INDOOR UNIT CEILING FIXED-CASSETTE TYPE
- P15  1 GANG15A SOCKET OUTLET AT CEILING LEVEL

SWITCH AT LOCATION A

- P19  1 GANG 1 WAY SWITCH
- P20  2 GANG 1 WAY SWITCH
- P21  3 GANG 1 WAY SWITCH
- P22  4 GANG 1 WAY SWITCH
- P23  FAN / LIGHT DIMMER SWITCH

SWITCH AT LOCATION B/C/D/E/F

- P22  2x 4 GANG 1 WAY SWITCH
- P20  1x 2 GANG 1 WAY SWITCH
- P23  2x FAN / LIGHT DIMMER SWITCH

NOTE :
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AC / EMERGENCY LIGHT : 2500MM - 2700MM FROM FFL.

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ARCHITECTURAL DRAWINGS AND PREPARATION OF BILL OF QUANTITIES FOR THE PROPOSED MNU THINADHOO CAMPUS CLASSROOM BLOCK

CLIENT: MALDIVES NATIONAL UNIVERSITY

LOCATION: GDH.THINADHOO

DISCIPLINE: ELECTRICAL

DRAWN BY: ISMAIL

DESIGNED BY:

CHECKED BY: CEC

DATE:

Jan 21

SCALE:

1:100

SHEET SIZE:

A3

DRAWING NO.

REV.

E-1.02

0.00

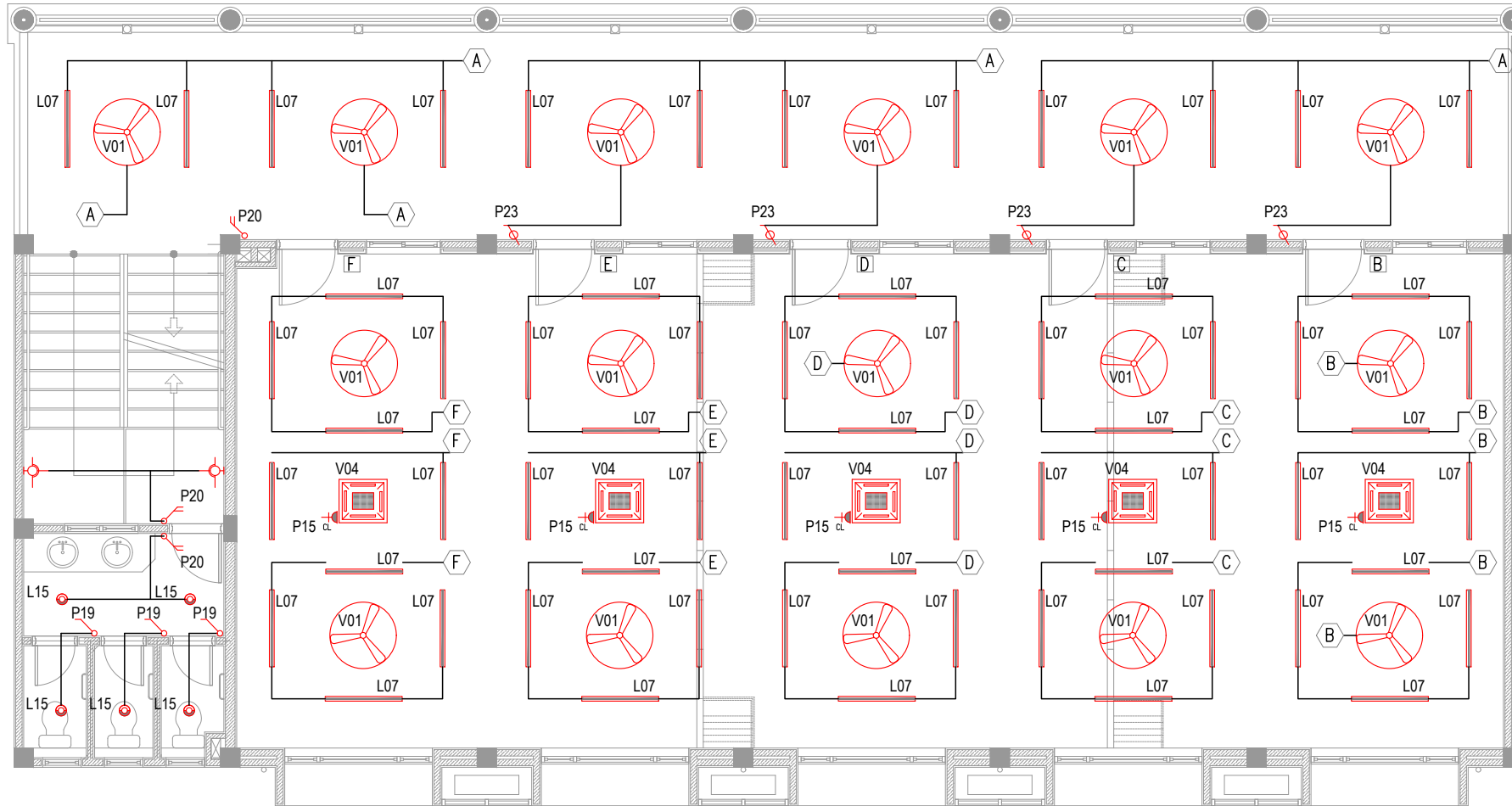


1

FIRST FLOOR LIGHTING & AIRCONDITIONING LAYOUT

REF. XX-00

SCALE : 1:100 (A3)



ELECTRICAL LEGEND

L07		CEILING DOWN 2x18W LED TUBE LIGHT SURFACE MOUNT
L09		WALL MOUNT ENERGY SAVING LIGHT
L13		WALL MOUNT WEATHER PROOF LUMINAIRE
L15		SURFACE MOUNT ENERGY SAVING LIGHT
V01		DIA. 1500 CEILING FAN
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P15		1 GANG15A SOCKET OUTLET AT CEILING LEVEL

SWITCH AT LOCATION A

P19		1 GANG 1 WAY SWITCH
P20		2 GANG 1 WAY SWITCH
P21		3 GANG 1 WAY SWITCH
P22		4 GANG 1 WAY SWITCH
P23		FAN / LIGHT DIMMER SWITCH

SWITCH AT LOCATION B/C/D/E/F

P22		2x 4 GANG 1 WAY SWITCH
P20		1x 2 GANG 1 WAY SWITCH
P23		2x FAN / LIGHT DIMMER SWITCH

NOTE :
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CAMPUS CLASSROOM BLOCK

CLIENT: MALDIVES NATIONAL UNIVERSITY

LOCATION: GDH.THINADHOO

DISCIPLINE: ELECTRICAL

DRAWN BY: ISMAIL

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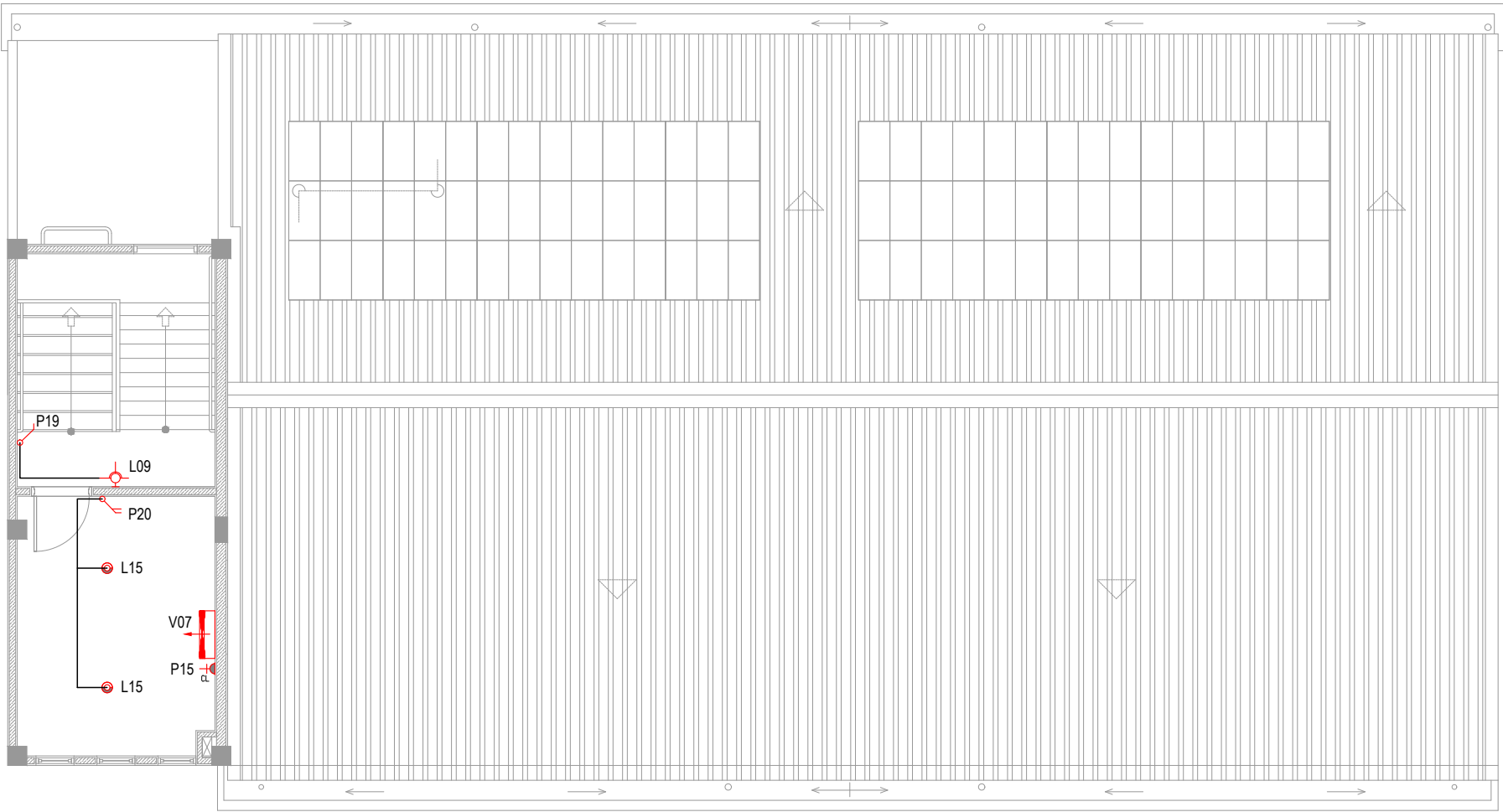
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1 SECOND FLOOR LIGHTING & AIRCONDITIONING LAYOUT

REF. XX-00

SCALE : 1:100 (A3)



ELECTRICAL LEGEND

- L09

WALL MOUNT ENERGY SAVING LIGHT
- L15

SURFACE MOUNT ENERGY SAVING LIGHT
- V07

AIR-CONDITIONING INDOOR UNIT
WALL MOUNTED
- P15

1 GANG15A SOCKET OUTLET AT CEILING LEVEL
- P20

2 GANG 1 WAY SWITCH
- P19

1 GANG 1 WAY SWITCH

NOTE :
FLOOR LEVEL SOCKETS : 300MM FROM FFL.
SWITCH CONTROL / SOCKET : 1100MM - 1200MM FROM FFL.

LABORATORY / PREPARATION ROOM SOCKETS /LIGHT, FAN &
WATER HEATER (COUNTER TOP) : 1150MM - 1250MM FROM FFL.

AC / EMERGENCY LIGHT : 2500MM - 2700MM FROM FFL.

ALL WIRING TO BE OF MEA APPROVED STANDARDS
ALL WIRING TO BE DONE IN CONDUITS INSIDE SLABS/WALLS

1

2F HALF-LANDING LIGHTING & AIRCONDITIONING LAYOUT

REF. XX-00

SCALE : 1:100 (A3)

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SCALE:

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SHEET SIZE:

A3

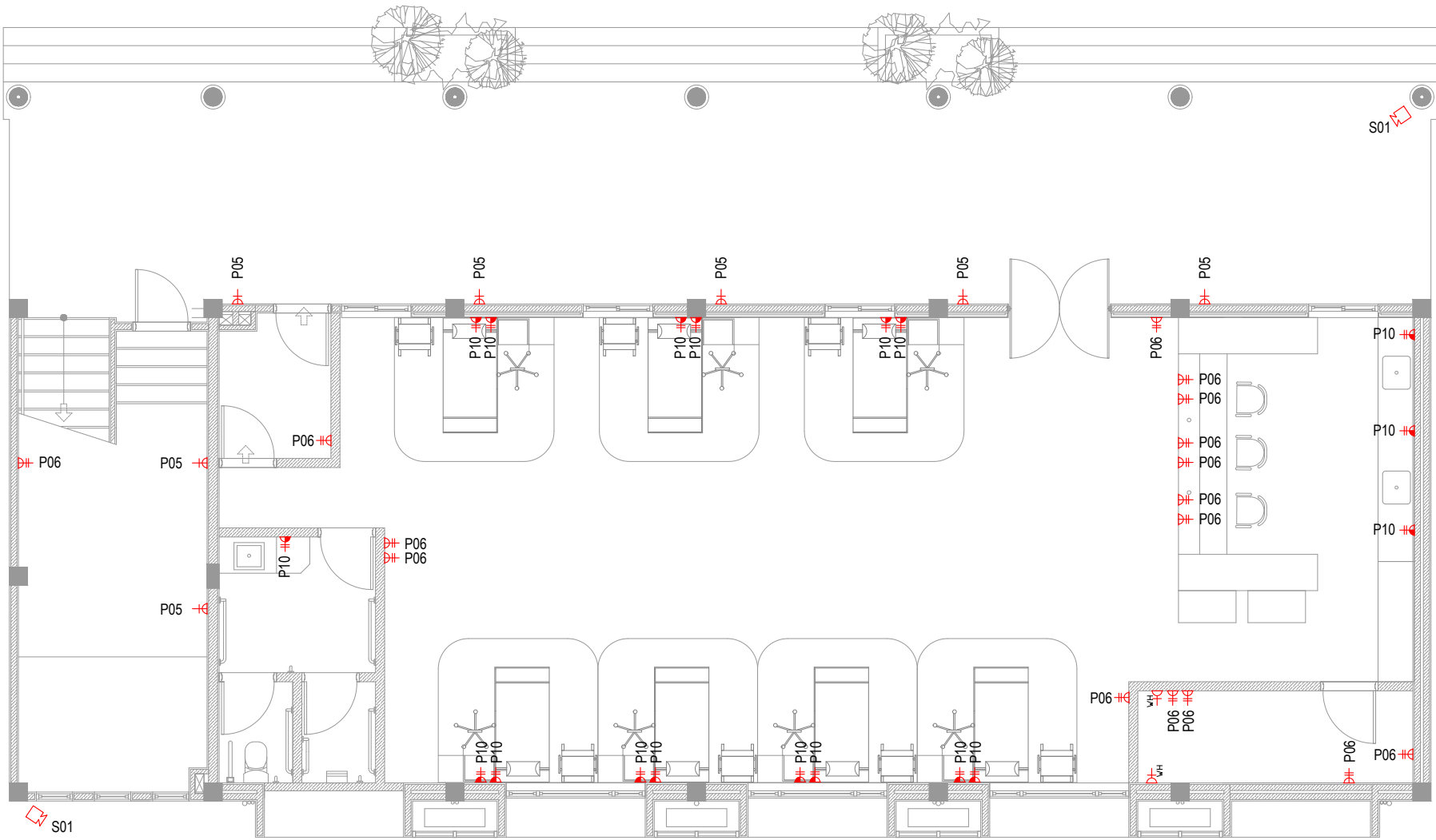
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REV.

E-1.02

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1 GROUND FLOOR POWER LAYOUT
REF. XX-00 SCALE : 1:100 (A3)

ELECTRICAL LEGEND

- P05 1 GANG13A SOCKET OUTLET AT 900mm ABOVE FINISHED FLOOR LEVEL
- P06 2 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
- P10 2 GANG13A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL
- P13 2 GANG13A SOCKET OUTLET FLOOR CONCEALED
- P15 1 GANG13A SOCKET OUTLET AT CEILING LEVEL
- P17 1 GANG15A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL
- P33 DISTRIBUTION BOARD
- HC01 HDMI CABLE
- HC02 HDMI CABLE AT CEILING LEVEL
- T07 SERVER
- S01 SECURITY CAMERA
- T10 T.V POINT

NOTE :
FLOOR LEVEL SOCKETS : 300MM FROM FFL.
SWITCH CONTROL / SOCKET : 1100MM - 1200MM FROM FFL.

LABORATORY / PREPARATION
ROOM SOCKETS /LIGHT, FAN &
WATER HEATER (COUNTER TOP) : 1150MM - 1250MM FROM FFL.

AC / EMERGENCY LIGHT : 2500MM - 2700MM FROM FFL.

ALL WIRING TO BE OF STELCO APPROVED STANDARDS
ALL WIRINGS TO BE DONE IN CONDUITS INSIDE SLABS/WALLS



GENERAL NOTES:

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CLIENT: MALDIVES NATIONAL UNIVERSITY

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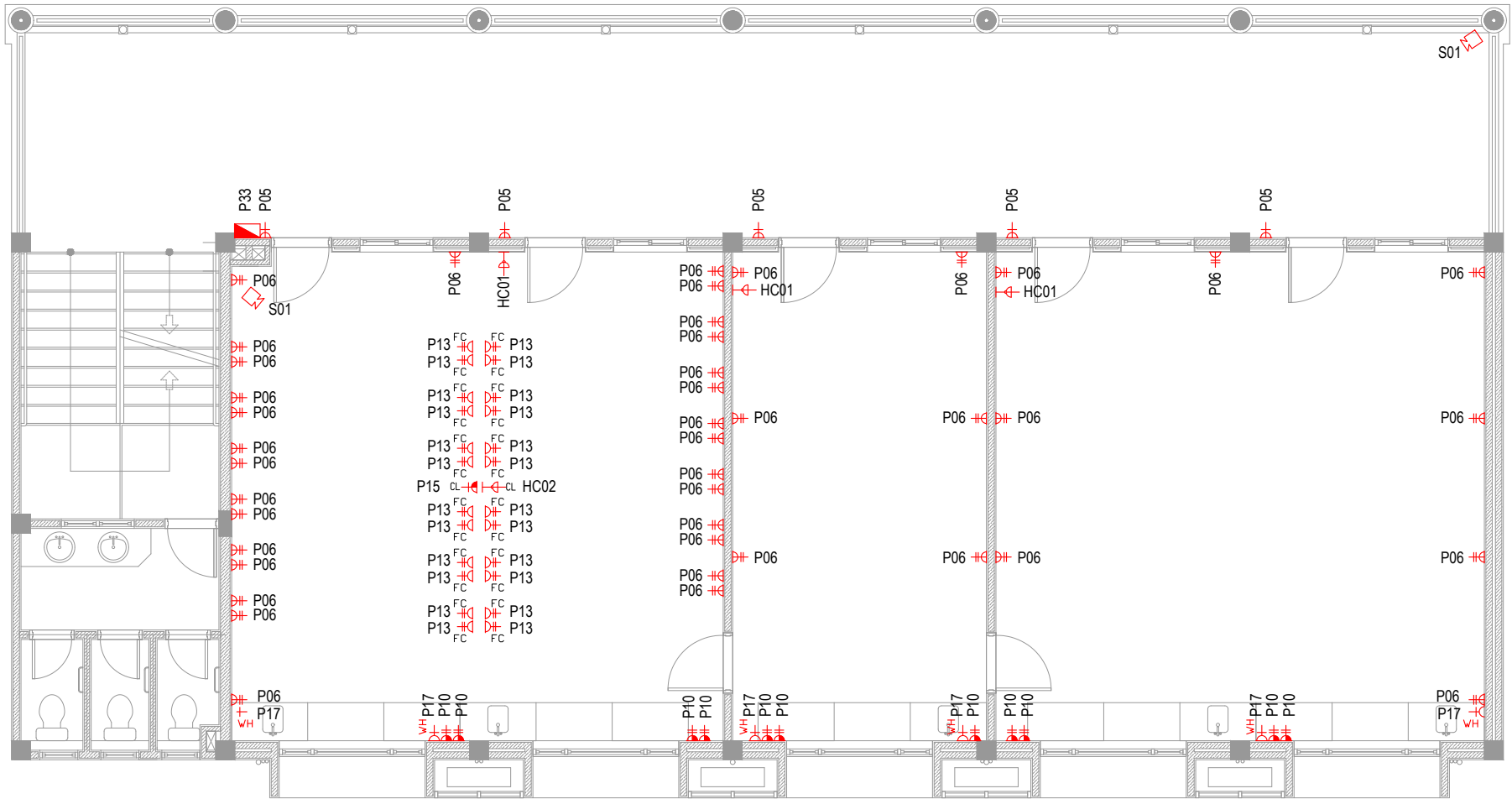
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DRAWING NO.

REV.

E-1.02

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1 FIRST FLOOR POWER LAYOUT
REF. XX-00 SCALE : 1:100 (A3)

ELECTRICAL LEGEND

- P05 1 GANG13A SOCKET OUTLET AT 900mm ABOVE FINISHED FLOOR LEVEL
- P06 2 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
- P10 2 GANG13A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL
- P13 2 GANG13A SOCKET OUTLET FLOOR CONCEALED
- P15 1 GANG13A SOCKET OUTLET AT CEILING LEVEL
- P17 1 GANG15A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL
- P33 DISTRIBUTION BOARD
- HC01 HDMI CABLE
- HC02 HDMI CABLE AT CEILING LEVEL
- T07 SERVER
- S01 SECURITY CAMERA
- T10 T.V POINT

NOTE :
FLOOR LEVEL SOCKETS : 300MM FROM FFL.
SWITCH CONTROL / SOCKET : 1100MM - 1200MM FROM FFL.

LABORATORY / PREPARATION
ROOM SOCKETS /LIGHT, FAN &
WATER HEATER (COUNTER TOP) : 1150MM - 1250MM FROM FFL.

AC / EMERGENCY LIGHT : 2500MM - 2700MM FROM FFL.

ALL WIRING TO BE OF STELCO APPROVED STANDARDS
ALL WIRINGS TO BE DONE IN CONDUITS INSIDE SLABS/WALLS

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FOR THE PROPOSED MNU THINADHOO
CAMPUS CLASSROOM BLOCK**

CLIENT: MALDIVES NATIONAL UNIVERSITY

LOCATION: GDH.THINADHOO

DISCIPLINE: ELECTRICAL

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A3

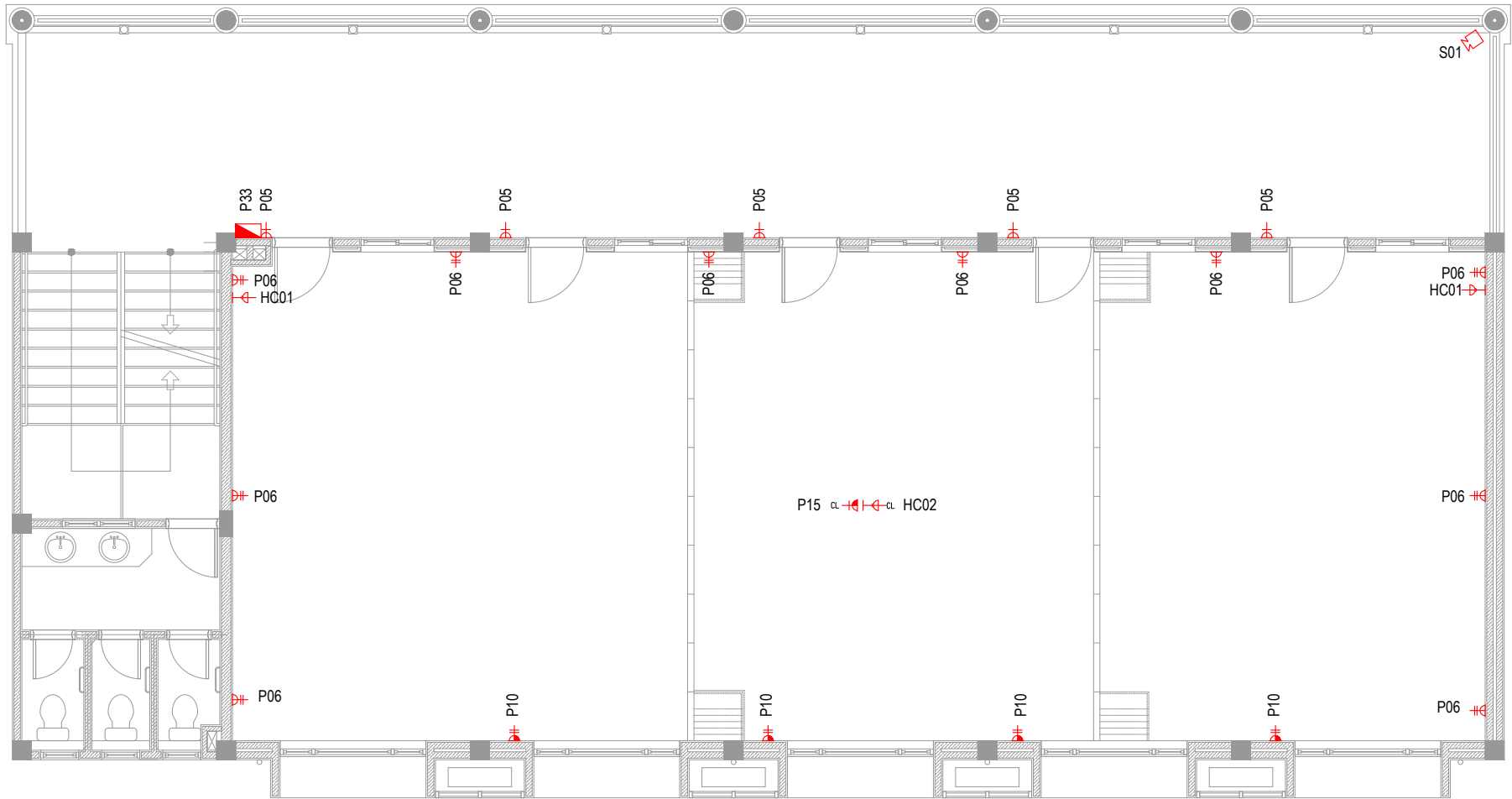
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REV.

E-1.02

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ELECTRICAL LEGEND

- P05

1 GANG13A SOCKET OUTLET AT 900mm ABOVE FINISHED FLOOR LEVEL
- P06

2 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
- P10

2 GANG13A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL
- P13

2 GANG13A SOCKET OUTLET FLOOR CONCEALED
- P15

1 GANG13A SOCKET OUTLET AT CEILING LEVEL
- P17

1 GANG15A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL
- P33

DISTRIBUTION BOARD
- HC01

HDMI CABLE
- HC02

HDMI CABLE AT CEILING LEVEL
- T07

SERVER
- S01

SECURITY CAMERA
- T10

T.V POINT

NOTE :
FLOOR LEVEL SOCKETS : 300MM FROM FFL.
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ALL WIRING TO BE OF STELCO APPROVED STANDARDS
ALL WIRINGS TO BE DONE IN CONDUITS INSIDE SLABS/WALLS

1

SECOND FLOOR POWER LAYOUT

REF. XX-00

SCALE : 1:100 (A3)

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CLIENT: MALDIVES NATIONAL UNIVERSITY

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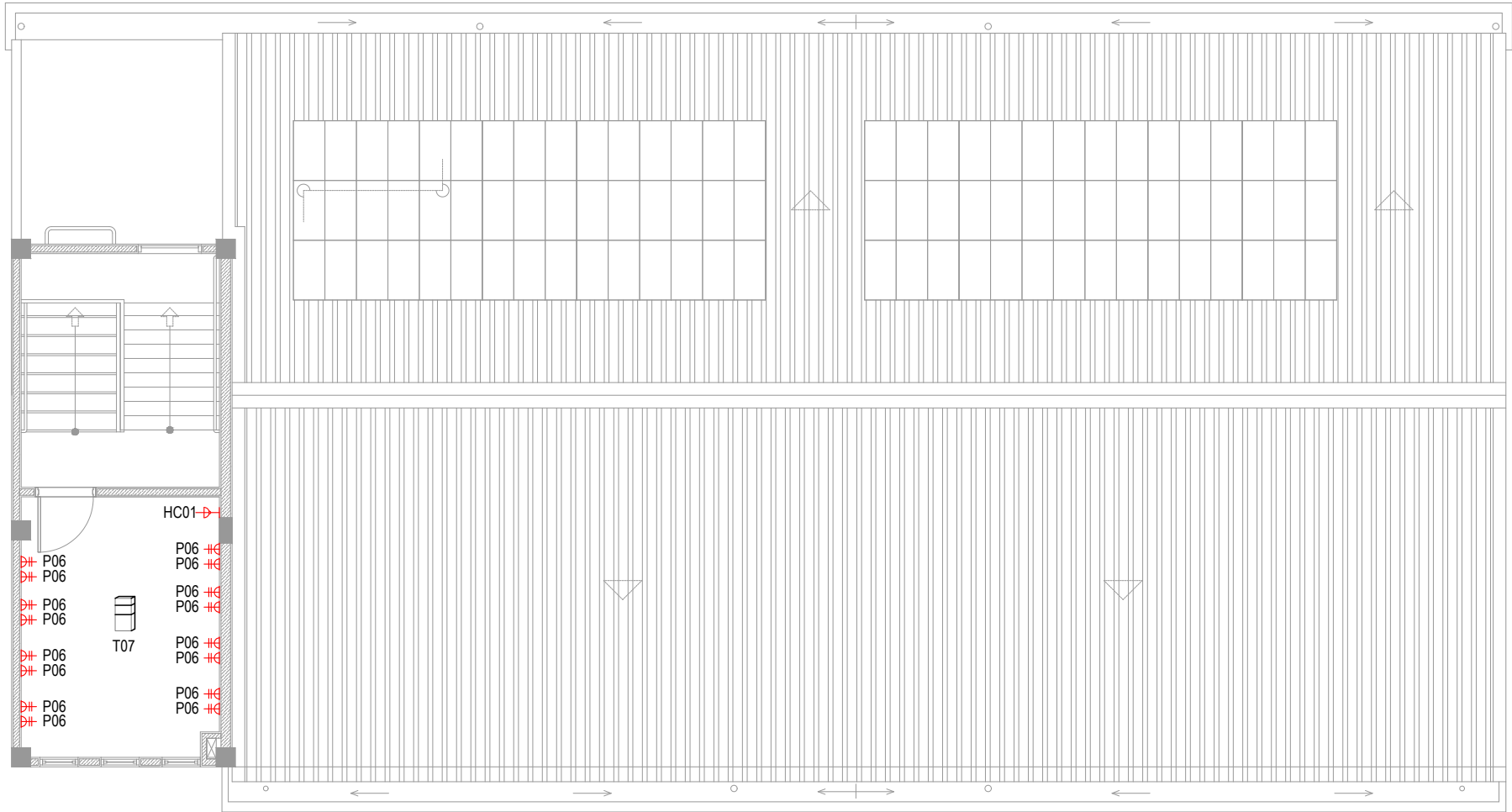
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1 2F HALF-LANDING POWER LAYOUT
REF. XX-00 SCALE : 1:100 (A3)

ELECTRICAL LEGEND

- P05 1 GANG13A SOCKET OUTLET AT 900mm ABOVE FINISHED FLOOR LEVEL
- P06 2 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
- P10 2 GANG13A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL
- P13 2 GANG13A SOCKET OUTLET FLOOR CONCEALED
- P15 1 GANG13A SOCKET OUTLET AT CEILING LEVEL
- P17 1 GANG15A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL
- P33 DISTRIBUTION BOARD
- HC01 HDMI CABLE
- HC02 HDMI CABLE AT CEILING LEVEL
- T07 SERVER
- S01 SECURITY CAMERA
- T10 T.V POINT

NOTE :
FLOOR LEVEL SOCKETS : 300MM FROM FFL.
SWITCH CONTROL / SOCKET : 1100MM - 1200MM FROM FFL.

LABORATORY / PREPARATION
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